UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark C Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

000210

nonprovisional

09/13/2004

EXAMINER

MERCK AND CO INC

POBOX 2000 RAHWAY, NJ 070650907 DAVIS, ZINNA NORTHINGTON

ART UNIT

PAPER NUMBER

1625

DATE MAILED: 09/13/2004

APPLICATION NO.		ATION NO.	FILING DATE	FIRST NAMED INVENTOR			ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/660,936		60,936	09/12/2003	Louis S. Crocker			20163DACB	7026	
	TITLE	OF	INVENTION:	POLYMORPHIC,	AMORPHOUS	AND	HYDRATED	FORMS	OF
	S_CHI ORO_3_(A_METHANESI II FONYI PHENYI)_6'-METHYI _[2 3']BIPYRIDINYI								

APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE NO \$1330 \$300 \$1630 12/13/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandra, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This fo appropriate. All further co- indicated unless corrected maintenance fee notification	orm should be used for trans rrespondence including the Pa below or directed otherwise ins.	mitting the ISSUE FEE ar atent, advance orders and n n Block 1, by (a) specifying	ad PUBLICATION FEE (if requirements of maintenance fees ag a new correspondence address	uired). Blocks 1 through 5 sl will be mailed to the current s; and/or (b) indicating a sepa	hould be completed where correspondence address as trate "FEE ADDRESS" for		
	CE ADDRESS (Note: Use Block 1 for a	ny change of address)	Note: A certificate of Fee(s) Transmittal. The papers. Each addition	f mailing can only be used for his certificate cannot be used for tal paper, such as an assignment to of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must		
	590 09/13/2004		have its own certificat	te of mailing or transmission.	O.		
MERCK AND C P O BOX 2000 RAHWAY, NJ 07			Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.				
					(Depositor's name)		
					(Signature)		
					(Date)		
APPLICATION NO.	FILING DATE	FIRST NAM	MED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/660,936	10/660,936 09/12/2003		S. Crocker	20163DACB	7026		
TITLE OF 5-CHLORO-3-(4-METHAI	INVENTION: 1 NESULFONYLPHENYL)-6'-	POLYMORPHIC, METHYL-[2,3']BIPYRIDIN	AMORPHOUS AND IYL	HYDRATED	FORMS OF		
APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE		
nonprovisional	NO	\$1330	\$300	\$1630	12/13/2004		
EXAM	MINER	ART UNIT	CLASS-SUBCLASS	1			
DAVIS, ZINNA	NORTHINGTON	1625	514-334000	•			
1. Change of correspondenc CFR 1.363).	e address or indication of "Fee	` '	orinting on the patent front page, I	•			
Change of correspond Address form PTO/SB/1	•	orrespondence or agen (2) the	names of up to 3 registered pate ts OR, alternatively, name of a single firm (having as	a member a 2			
"Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.	tion (or "Fee Address" Indicat or more recent) attached. Use	mes of up to f no name is 3					
3. ASSIGNEE NAME AND	RESIDENCE DATA TO BE	PRINTED ON THE PATE	NT (print or type)				
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified bel n 37 CFR 3.11. Completion of	ow, no assignee data will a f this form is NOT a substitu	appear on the patent. If an assignte for filing an assignment.	nce is identified below, the d	ocument has been filed for		
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)							
Please check the appropriate	e assignee category or categori	es (will not be printed on th	e natent): 🔲 Individual 🖵 O	Corporation or other private gro	oun entity		
4a. The following fee(s) are		4b. Payment					
☐ Issue Fee			A check in the amount of the fee(s) is enclosed.				
	small entity discount permitted		Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # o	f Copies	The Deposit A	Director is hereby authorized by account Number	charge the required fee(s), or (enclose an extra co	credit any overpayment, to opp of this form).		
	(from status indicated above) MALL ENTITY status. See 3		olicant is no longer claiming SMA	LL ENTITY status. See 37 CI	FR 1.27(g)(2).		
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the rec	is requested to apply the Issue Publication Fee (if required) wi ords of the United States Pater	Fee and Publication Fee (if Il not be accepted from any at and Trademark Office.	any) or to re-apply any previous one other than the applicant; a reg	ly paid issue fee to the applica sistered attorney or agent; or the	tion identified above. the assignee or other party in		
Authorized Signature			Date				
Typed or printed name							
Alexandria, virginia 22313.	-1430.		ed to obtain or retain a benefit by collection is estimated to take 12 upon the individual case. Any commation Officer, U.S. Patent and ED FORMS TO THIS ADDRES collection of information unless it				
onger me raperwork reduc	AIOH ACL OF 1995, NO PERSONS &	ne required to respond to a c	conceiton of information unless it	displays a valid UMB control	number.		



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIODNER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/660,936	(09/12/2003	Louis S. Crocker	20163DACB	7026	
000210	MERCK AND CO INC			EXAM	EXAMINER	
MERCK ANI P O BOX 2000				DAVIS, ZINNA NORTHINGTON		
RAHWAY, NJ		7		ART UNIT	PAPER NUMBER	
				1625		
				DATE MAILED: 09/13/2004	1	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/660,936	(09/12/2003	Louis S. Crocker	20163DACB	7026	
000210	7590	09/13/2004		EXAM	INER	
MERCK ANI P O BOX 2000	ERCK AND CO INC			DAVIS, ZINNA NORTHINGTOR		
RAHWAY, NJ		7		, ART UNIT	PAPER NUMBER	
				1625		
				DATE MAILED: 00/12/200		

DATE MAILED: 09/13/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))	\$685.00
By other than a small entity	
(b) Issue fee for issuing a design patent:	
By a small entity (Sec. 1.27(a))	\$245.00
By other than a small entity	\$490.00
(c) Issue fee for issuing a plant patent:	
By a small entity (Sec. 1.27(a))	\$330.00
By other than a small entity	\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.